

WEST Search History

DATE: Tuesday, June 08, 2004

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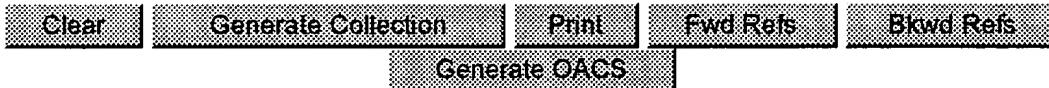
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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<input type="checkbox"/>	L8	5764978 .uref.	3
<input type="checkbox"/>	L7	L6 and map\$	9
<input type="checkbox"/>	L6	L5 and entit\$	14
<input type="checkbox"/>	L5	L4 and l1	25
<input type="checkbox"/>	L4	(relational near5 structure) and (hierarchical near5 structure)	514
<input type="checkbox"/>	L3	(relational near5 structure) and (hierarchicalnear5 structure)	0
<input type="checkbox"/>	L2	'relational to hierarchical'	0
<input type="checkbox"/>	L1	(relational and hierarchical).ti.	71

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 8 of 8 returned.

1. Document ID: US 20020129017 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 8

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129017

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020129017 A1

TITLE: Hierarchical characterization of fields from multiple tables with one-to-many relations for comprehensive data mining

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kil, David	Gilroy	CA	US	
Gregory, Brian	Newbury Park	CA	US	

US-CL-CURRENT: 707/6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn](#)

2. Document ID: US 20020010700 A1

L7: Entry 2 of 8

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010700 A1

TITLE: System and method for sharing data between relational and hierarchical databases

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wotring, Steven C.	Austin	TX	US	
Ripley, John R.	Round Rock	TX	US	

US-CL-CURRENT: 707/100[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)**3. Document ID: US 20010034733 A1**

L7: Entry 3 of 8

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034733

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010034733 A1

TITLE: System and method for providing access to databases via directories and other hierarchical structures and interfaces

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prompt, Michel	Novato	CA	US	
Samuelson, Claude Y.	Novato	CA	US	

US-CL-CURRENT: 707/102; 707/3[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)**4. Document ID: US 6684222 B1**

L7: Entry 4 of 8

File: USPT

Jan 27, 2004

US-PAT-NO: 6684222

DOCUMENT-IDENTIFIER: US 6684222 B1

TITLE: Method and system for translating data associated with a relational database

DATE-ISSUED: January 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cornelius; Shawn S.	Strangsville	OH		
Huffman; Arnold Z.	Chicago	IL		
Klug; Matthew C.	Hudson	OH		
Krahn; Richard R.	North Lake Elmo	MN		
Su; Eric C.	Foster City	CA		
Sweeney; Michael S.	Parma Heights	OH		

US-CL-CURRENT: 707/104.1; 715/513[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)

□ 5. Document ID: US 6236997 B1

L7: Entry 5 of 8

File: USPT

May 22, 2001

US-PAT-NO: 6236997

DOCUMENT-IDENTIFIER: US 6236997 B1

TITLE: Apparatus and method for accessing foreign databases in a heterogeneous database system

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bodamer; Roger	Mountain View	CA		
Voss; Eric	Foster City	CA		
Draaijer; Jacco	Mountain View	CA		

US-CL-CURRENT: 707/10; 709/201[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | [Claims](#) | [KWC](#) | [Drawn](#)

□ 6. Document ID: US 6226649 B1

L7: Entry 6 of 8

File: USPT

May 1, 2001

US-PAT-NO: 6226649

DOCUMENT-IDENTIFIER: US 6226649 B1

TITLE: Apparatus and method for transparent access of foreign databases in a heterogeneous database system

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bodamer; Roger	Mountain View	CA		
Draaijer; Jacco	Mountain View	CA		
Voss; Eric	Foster City	CA		
Mani; Raghu	Mountain View	CA		

US-CL-CURRENT: 707/104.1; 707/10, 707/102, 707/2, 707/3, 709/203, 709/217, 709/245, 709/246[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | [Claims](#) | [KWC](#) | [Drawn](#)

□ 7. Document ID: US 6041344 A

L7: Entry 7 of 8

File: USPT

Mar 21, 2000

h e b b g e e e f e ef b e

US-PAT-NO: 6041344

DOCUMENT-IDENTIFIER: US 6041344 A

TITLE: Apparatus and method for passing statements to foreign databases by using a virtual package

DATE-ISSUED: March 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bodamer; Roger	Mountain View	CA		
Draaijer; Jacco	Mountain View	CA		
Voss; Eric	Foster City	CA		
Mani; Raghu	Mountain View	CA		

US-CL-CURRENT: 709/203; 709/217, 709/245, 709/246

<input type="checkbox"/> Full	<input type="checkbox"/> Title	<input type="checkbox"/> Citation	<input type="checkbox"/> Front	<input type="checkbox"/> Review	<input type="checkbox"/> Classification	<input type="checkbox"/> Date	<input type="checkbox"/> Reference	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Claims	<input type="checkbox"/> KINIC	<input type="checkbox"/> Draw. D.
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□ 8. Document ID: US 5974407 A

L7: Entry 8 of 8

File: USPT

Oct 26, 1999

US-PAT-NO: 5974407

DOCUMENT-IDENTIFIER: US 5974407 A

TITLE: Method and apparatus for implementing a hierarchical database management system (HDBMS) using a relational database management system (RDBMS) as the implementing apparatus

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sacks; Jerome E.	Lexington	MA	02173	

US-CL-CURRENT: 707/2; 707/1, 707/100

<input type="checkbox"/> Full	<input type="checkbox"/> Title	<input type="checkbox"/> Citation	<input type="checkbox"/> Front	<input type="checkbox"/> Review	<input type="checkbox"/> Classification	<input type="checkbox"/> Date	<input type="checkbox"/> Reference	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Claims	<input type="checkbox"/> KINIC	<input type="checkbox"/> Draw. D.
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 ... **Translating XML Updates**. ... 1. **Relational database** system can support ordered XML queries efficiently. ... 4. The **relational** optimizers need to understand the ...
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[Frames, Objects and Relations: Three Semantic..](#) - Norrie, Reimer.. (1994) (Correct)

bridging the semantic gap between the frame and relational levels and enabling the use of semantic for large-scale knowledge base systems based on database technologies and the three levels of semantic
www.globis.ethz.ch/publications/docs/1994d-nrirs-krdb.ps.gz

[Web Based Parallel/Distributed Medical Data Mining..](#) - Kargupta, Stafford.. (Correct)

overview of the PADMA system. The parallel relational database accessing operations of PADMA agents
[Web Based Parallel/Distributed Medical Data Mining Using Software Agents Hillol Kargupta, a "concept graph" which may be either a hierarchical graph of clusters, or decision trees, or
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[Indexing for Data Models with Constraints and Classes](#) - Kanellakis, Ramaswamy.. (1993) (Correct)

(71 citations)

concepts from constraint programming (e.g. relational tuples are generalized to conjunctions of
[Indexing for Data Models with Constraints and Classes Paris C.](http://ftp.cs.brown.edu/pub/techreports/93/cs93-21.ps.Z)

ftp.cs.brown.edu/pub/techreports/93/cs93-21.ps.Z

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www.cs.umd.edu/users/cml/work/pubs/1994-ispw9.ps.gz

[Materialized View Selection in a Multidimensional Database](#) - Baralis (1997) (Correct) (48 citations)

on huge amounts of historical data. An MDDB is a relational data warehouse, in which the information is
[Materialized View Selection in a Multidimensional Database Elena Baralis Politecnico di Torino
www.informatik.uni-trier.de/~ley/vldb/BaralisPT97/parabosc97.ps](http://www.informatik.uni-trier.de/~ley/vldb/BaralisPT97/parabosc97.ps)

[Parallel and Distributed Search for Structure in..](#) - Oates, Schmill, Cohen (1996) (Correct) (2 citations)

KDD encompasses more complex forms of data (e.g. relational data) and transformation and analysis

Abstract Efficient data mining algorithms are crucial for effective

www-eksl.cs.umass.edu/papers/Oates96a.ps

[A Hypertext System for Integrating Heterogeneous, Autonomous..](#) - Noll, Scacchi (1994) (Correct) (2 citations)

values. e SLCSE and NuMil use the underlying relational dbms to provide concurrency control. f Dml

Hypertext System (DHT)Based on a hypertext data model and client-server architecture, DHT features types no no a Directories" refers to hierarchical containers of objects or other directories.

cwis.usc.edu/dept/ATRIUM/Papers/Integrating_Software_Repositories.ps

[Integrating Temporal, Real-Time, and Active Databases](#) - Ramamritham.. (1996) (Correct) (3 citations)

[Integrating Temporal, Real-Time, and Active Databases](#) Krithi Ramamritham, Raju Sivasankaran, John

www-ccs.cs.umass.edu/~sim/sigrec96.ps

[Information Management in Process-Centered..](#) - Barghouti.. (1995) (Correct)

the developers of a PSEE may decide to use a relational database system to store relationships between PSEEs include a repository that stores product data or process enactment data or both. Different PSEEs
tokio.dbis.informatik.uni-frankfurt.de/REPORTS/GOODSTEP/GoodStepReport023.ps.gz

[The Data Reduction Expert Assistant](#) - Miller (1992) (Correct)

- 1 -The Data Reduction Expert Assistant Glenn E. Miller Space

www.stsci.edu/~miller/draco/draco-aldb.ps

Theory Combination: an alternative to Data Combination - Ting, Low (1996) (Correct)

Theory Combination: an alternative to Data Combination Kai Ming Ting

www.cs.waikato.ac.nz/~ml/publications/1996/KaiMing-WP96.ps

Scheduling Access To Temporal Data In Real-Time Databases - Xiong, Sivasankaran.. (1997) (Correct)

(3 citations)

1 Scheduling Access To Temporal Data In Real-Time Databases Ming Xiong, Rajendran

www-ccs.cs.umass.edu/~sim/rtdb-chapter96.ps

Databases for Active, Rapidly, Changing data Systems (ARCS) and.. - Datta (1996) (Correct) (1 citation)

extensions to conventional data models such as relational or object-oriented, or have concerned

Databases for Active, Rapidly, Changing data Systems

loochi.bpa.arizona.edu/pub/publications/tse.ps.gz

MacFS: A Portable Macintosh File System Library - Dinda, Necula, Price (1998) (Correct)

not well suited to reentrancy and that its complex data structures can lead to slow implementations in Virtual File System. We describe the Macintosh Hierarchical File System and our implementation and note reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-145.ps

Energy-Efficient Index Replication for Wireless Data Broadcasting - Yon Dohn (Correct)

Energy-Efficient Index Replication for Wireless Data Broadcasting Yon Dohn Chung Myoung Ho Kim

in our paper, organizes the index in a **hierarchical** structure and replicates partial indexes

dbserver.kaist.ac.kr/NEW/warehouse/./thesis_store/ydchung7.ps.gz

Representative Objects: Concise Representations of.. - Nestorov, Ullman.. (1997) (Correct) (37 citations)

data, unlike data stored in typical relational or object-oriented databases, does not have

Representations of Semistructured, Hierarchical Data Svetlozar Nestorov, Jeffrey Ullman, Janet Wiener,

Concise Representations of Semistructured, Hierarchical Data Svetlozar Nestorov, Jeffrey Ullman, Janet

www-db.stanford.edu/pub/papers/representative-object.ps

DEFLATE Compressed Data Format Specification version 1.3 - Deutsch (1996) (Correct) (4 citations)

Category: Informational May 1996 DEFLATE Compressed Data Format Specification version 1.3 Status of This
ftp.kiae.su/pub/1/internet/rfc/rfc1951.ps

Multiple Paths Join for Nested Relational Databases - Liu, Ramamohanarao (1993) (Correct) (1 citation)

Multiple Paths Join for Nested Relational Databases Hong-Cheu Liu Kotagiri

Multiple Paths Join for Nested Relational Databases Hong-Cheu Liu Kotagiri Ramamohanarao

has been carried out in this area. It use **hierarchical** structures rather than flat tables to enable
munkora.cs.mu.oz.au/publications/tr_db/.mu_93_23.ps.gz

Chapter 1 Driving Issues in Scalable Libraries.. - Anthony Skjellum (Correct)

Issues in Scalable Libraries: Poly-Algorithms, Data Distribution Independence, Redistribution, Local

www.cs.msstate.edu/~tony/documents/Toolbox/siam_7thpar.ps.Z

Waltz Quick Start - Version Roberts (1996) (Correct)

Waltz is a tool to visualize three dimensional data and reads special reference files containing

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Frames, Objects and Relations: Three Semantic.. - Norrie, Reimer.. (1994) (Correct)

FRM we have specified a second mapping that transforms a frame class description to be interpreted as bridging the semantic gap between the frame and relational levels and enabling the use of semantic for large-scale knowledge base systems based on database technologies and the three levels of semantic
www.globis.ethz.ch/publications/docs/1994d-nrlrs-krdb.ps.gz

Web Based Parallel/Distributed Medical Data Mining.. - Kargupta, Stafford.. (Correct)

Introduction Data mining involves extraction, transformation, and presentation of data in useful form. overview of the PADMA system. The parallel relational database accessing operations of PADMA agents Web Based Parallel/Distributed Medical Data Mining Using Software Agents Hillol Kargupta, www.eecs.wsu.edu/~hillol/pubs/padmaMed.ps

Indexing for Data Models with Constraints and Classes - Kanellakis, Ramaswamy.. (1993) (Correct) (71 citations)

using standard data structure techniques, to transform our insertion bounds from amortized to concepts from constraint programming (e.g. relational tuples are generalized to conjunctions of Indexing for Data Models with Constraints and Classes Paris C.
ftp.cs.brown.edu/pub/techreports/93/cs93-21.ps.Z

Information Management in Process-Centered.. - Barghouti.. (1995) (Correct)

together, and it must implement schemes for transforming data items from their main memory the developers of a PSEE may decide to use a relational database system to store relationships between PSEEs include a repository that stores product data or process enactment data or both. Different PSEEs tokio.dbis.informatik.uni-frankfurt.de/REPORTS/GOODSTEP/GoodStepReport023.ps.gz

Data Collection in a Process-Sensitive Software.. - Giese, Hoisl, Lott.. (1994) (Correct)

Data Collection in a Process-Sensitive Software
www.cs.umd.edu/users/cml/work/pubs/1994-ispw9.ps.gz

Materialized View Selection in a Multidimensional Database - Baralis (1997) (Correct) (48 citations)

on huge amounts of historical data. An MDDB is a relational data warehouse, in which the information is Materialized View Selection in a Multidimensional Database Elena Baralis Politecnico di Torino
www.informatik.uni-trier.de/~ley/vldb/BaralisPT97/parabosc97.ps

Parallel and Distributed Search for Structure in.. - Oates, Schmill, Cohen (1996) (Correct) (2 citations)

an iterative process in which data is repeatedly transformed and analyzed to reveal hidden structure. 1 KDD encompasses more complex forms of data (e.g. relational data) and transformation and analysis Abstract Efficient data mining algorithms are crucial for effective
www-eksl.cs.umass.edu/papers/Oates96a.ps

Multiple Paths Join for Nested Relational Databases - Liu, Ramamohanarao (1993) (Correct) (1 citation)

data model and query language [12]By transforming object queries into an object algebra in the Multiple Paths Join for Nested Relational Databases Hong-Cheu Liu Kotagiri
 Multiple Paths Join for Nested Relational Databases Hong-Cheu Liu Kotagiri Ramamohanarao
munkora.cs.mu.oz.au/publications/tr_db./mu_93_23.ps.gz

A Hypertext System for Integrating Heterogeneous, Autonomous.. - Noll, Scacchi (1994) (Correct) (2 citations)

local objects, and a gateway process that transforms local objects into DHT nodes and links, and DHT values. e SLCSE and NuMil use the underlying relational dbms to provide concurrency control. f Dml Hypertext System (DHT)Based on a hypertext data model and client-server architecture, DHT features

cwis.usc.edu/dept/ATRIUM/Papers/Integrating_Software.Repositories.ps

Integrating Temporal, Real-Time, and Active Databases - Ramamritham.. (1996) (Correct) (3 citations)
Integrating Temporal, Real-Time, and Active Databases Krithi Ramamritham, Raju Sivasankaran, John
www-ccs.cs.umass.edu/~sim/sigrec96.ps

The Data Reduction Expert Assistant - Miller (1992) (Correct)
- 1 - The Data Reduction Expert Assistant Glenn E. Miller Space
www.stsci.edu/~miller/draco/draco-aldb.ps

Theory Combination: an alternative to Data Combination - Ting, Low (1996) (Correct)
Measure of characterisation Fig. A. Transforming individual cross-validation test points to a
Theory Combination: an alternative to Data Combination Kai Ming Ting
www.cs.waikato.ac.nz/~ml/publications/1996/KaiMing-WP96.ps

Scheduling Access To Temporal Data In Real-Time Databases - Xiong, Sivasankaran.. (1997) (Correct) (3 citations)
1 Scheduling Access To Temporal Data In Real-Time Databases Ming Xiong, Rajendran
www-ccs.cs.umass.edu/~sim/rtdb-chapter96.ps

Databases for Active, Rapidly, Changing data Systems (ARCS) and.. - Datta (1996) (Correct) (1 citation)
extensions to conventional **data** models such as **relational** or object-oriented, or have concerned
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loochi.bpa.arizona.edu/pub/publications/tse.ps.gz

Hierarchical Solution Techniques for Realistic Rendering - Sillion (Correct)
algorithm The radiosity method consists of transforming Equation 1 into a linear system of equations
in this field have promoted the use of **hierarchical** data structures and algorithms to represent radiant
Hierarchical Solution Techniques for Realistic Rendering
w3imagis.imag.fr/Publications/fxs/S95gc.ps.gz

MacFS: A Portable Macintosh File System Library - Dinda, Necula, Price (1998) (Correct)
not well suited to reentrancy and that its complex **data** structures can lead to slow implementations in
Virtual File System. We describe the Macintosh **Hierarchical** File System and our implementation and note
reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-145.ps

Energy-Efficient Index Replication for Wireless Data Broadcasting - Yon Dohn (Correct)
Energy-Efficient Index Replication for Wireless Data Broadcasting Yon Dohn Chung Myoung Ho Kim
in our paper, organizes the index in a **hierarchical** structure and replicates partial indexs
dbserver.kaist.ac.kr/NEW/warehouse./thesis_store/ydchung7.ps.gz

Representative Objects: Concise Representations of.. - Nestorov, Ullman.. (1997) (Correct) (37 citations)
Construction of a minimal FRO from a DFA The transformation from a DFA to an object in OEM is
data, unlike **data** stored in typical **relational** or object-oriented **databases**, does not have
Representations of Semistructured, **Hierarchical** Data Svetlozar Nestorov, Jeffrey Ullman, Janet Wiener,
www-db.stanford.edu/pub/papers/representative-object.ps

DEFLATE Compressed Data Format Specification version 1.3 - Deutsch (1996) (Correct) (4 citations)
Category: Informational May 1996 DEFLATE Compressed Data Format Specification version 1.3 Status of This
ftp.kiae.su/pub/.1/internet/rfc/rfc1951.ps

Chapter 1 Driving Issues in Scalable Libraries.. - Anthony Skjellum (Correct)
Issues in Scalable Libraries: Poly-Algorithms, **Data** Distribution Independence, Redistribution, Local
www.cs.msstate.edu/~tony/documents/Toolbox/siam_7thpar.ps.Z

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Searching for PHRASE 1relational database into hierarchical database.

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[Large Object Support in POSTGRES](#) - Stonebraker, Olson (1993) (Correct) (4 citations)

file-oriented access to large objects in the **database**. The support for user-defined storage managers large data objects. WiSS decomposes large objects into pages, which are the fundamental unit of implementations supporting large objects in **database** systems [BILI92]Typically, these s2k-ftp.cs.berkeley.edu:8000/sequoia/tech-reports/s2k-93-30/s2k-93-30.ps.Z

[CSDC - The MoTiV Car Speech Data Collection](#) - Langmann, Pfitzinger.. (1998) (Correct) (4 citations)

The partners designed and conducted a **database** collection for German speech data in different of carsystem information (radio, speed, etc. into the recognizer (CSDC3/4)ix) Enable studies first step, the partners designed and conducted a **database** collection for German speech data in different www.phonetik.uni-muenchen.de/Publications/Pfitzinger_LREC98b.ps

[Multi-modal person verification tools using speech and ..](#) - Acheroy, Beumier.. (1996) (Correct) (2 citations)

a service, e.g. consulting an updated document or **database**, is difficult to open to wide public as this television sequences are then down-converted into CIF (288x360 pixels, 25Hz-Progressive, 4:2:2) of personal computers and work stations. 2 **Database** for tests The goal of a multi-modal recognition ftp.elec.rma.ac.be/user/beumier/PAPERS/ecmast.ps.gz

[On the Non-monotonic Behavior of Event Calculus for..](#) - Cervesato.. (1993) (Correct)

narrative understanding and the management of **database** updates, at which EC was initially aimed. In the new event is notified to the system, it is recorded into the **database** of events. Assuming that events . The resulting versions of PEC and PMEC are **hierarchical** and then terminating. The thesis immediately cs.utep.edu/provetti/Papers/intComp93.ps

[Interoperability Between Object-Oriented Programming Languages..](#) - Chen Huang (1995) (Correct)

to support accessing and manipulating relational **databases**. The work described in this paper aims to insect.sd.monash.edu.au/research/publications/1995/TR95-21.ps

[Run-Time Optimizations of Join Queries for Distributed..](#) - Shahabi, Khan, McLeod, ... (Correct)

Optimizations of Join Queries for Distributed **Databases** over the Internet Cyrus Shahabi, Latifur constructed in the Java language and incorporated into the experimental setup. The results demonstrate in the context of an Internet-based distributed **database** environment. More and more common are **database** www-scf.usc.edu/~lkhan/report.ps

[A Direct Manipulation User Interface for Querying..](#) - de Oliveira, Medeiros (Correct)

User Interface for Querying Geographic **Databases** Juliano Lopes de Oliveira Claudia Bauzer specific aspects of georeferenced data. Once stored into a gis, georeferenced data can be classified into object oriented conceptual view of the underlying **database**, independent of the **database**'s native data www.dcc.unicamp.br/adb/docs/adb95.ps.gz

[Materializing the Web - De Rosa, Catarci, locchi, Nardi..](#) (1998) (Correct) (4 citations)

and making them accessible to the user through a **database** query paradigm. The basic idea is to build, once characteristics. First of all, systems are divided into so-called surfers and hunters. The former class 1 which shows the various classes, how they are **hierarchically** organized, and, for each class, its ftp.dis.uniroma1.it/pub/locchi/publications/web-coopis98.ps.gz

[Do we need the closed-world assumption in knowledge representation? - Hustadt \(1994\)](#) (Correct) (2 citations)

e-mail hustadt@mpi-sb.mpg.de 1 Introduction **Database** systems and knowledge representation systems and question handler without taking declaration (1) into account. For instance, it is not possible to find of queries and manipulation of data. The **database** management system of a **database** system provides sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-1/hustadt-long.ps

mmCIF Software Tools - Shu-Hsin Hsieh (Correct)

Steven Schirripa John D. Westbrook Nucleic Acid **Database** Project Department of Chemistry Rutgers, The how these tools may be used to integrate mmCIF data into new and existing applications. Participants are software framework developed by the Nucleic Acid **Database** (NDB) 1, 2] to address practical problems <ftp://sdsc.edu/pub/sdsc/societies/IUCr/School96/jw/mmCIF.ps.gz>

Building a Scalable Geo-Spatial DBMS: Technology.. - Patel, Yu, Kabra, ... (1997) (Correct) (3 citations)
of new techniques for parallelizing geo-spatial **database** systems and discusses their implementation in Network streams can be further specialized into split streams which are used to demultiplex an implementation in the Paradise object-relational **database** system. The effectiveness of these techniques is www.cs.wisc.edu/~jiebing/sigmod97.ps

Behaviour Specification in Database Interoperation - Vermeer, Apers (1997) (Correct) (2 citations)

Behaviour Specification in **Database** Interoperation Mark W.W. Vermeer and Peter M.G. step, the local and remote **database** are brought into a common semantical context, so that they can be behaviour in a federation of object-oriented **databases**. In particular, given a specification of an www.cs.utwente.nl:8080/isdoc/confpaper/vermeer.caise97.accepted.ps.gz

Generic and Fully Automatic Content Based Image Retrieval.. - Choube, Raghavan (1997) (Correct)

to be used for on-line retrieval from large image **databases**. In this paper, we propose a generic and image [1]Approaches to CBIR can be classified into two broad classes of attribute-based and applications and entertainment industry. Image **databases** are becoming common in medicine, www.cacs.usl.edu/Departments/CACS/Publications/Raghavan/ChRa97a.ps.Z

Chimera Prototyping Tool: User Manual - Summa Ry (Correct)

Intelligent **Database** Environment for Advanced Applications IDEA uran.informatik.uni-bonn.de/~idea/CPT/cpt_usermanual.ps.gz

Sustaining Interaction in Database Query - Inder, Stader (Correct)

1 Sustaining Interaction in **Database** Query R. Inder a and J. Stader b a Human research on **database** systems breaks the problem into two halves-formulating a query and presenting Edinburgh EH1 1HN Scotland Current research on **database** systems breaks the problem into two ftp.cogsci.ed.ac.uk/pub/robert/hcii95-dbquery.ps.gz

Rule-Based Query Optimization, Revisited - Warshaw, Miranker (1999) (Correct) (1 citation)

in Venus. Venus is a general-purpose active-**database** rule language embedded in CFollowing the of relational **database** management systems into arbitrary data-types, the adoption of the SQL3 in CFollowing the developments in extensible **database** query optimizers, first in rule-based form www.arlut.utexas.edu/~warshaw/papers/rule-opt99.ps

Specification and Efficient Monitoring of Local.. - Arnold, Mark, Navathe (1994) (Correct)

a hypermedia system can be considered a type of **database**, it is natural to apply results from **database** data from disk to memory and back. Thus, taking into consideration the disk access problem and the of **database**, it is natural to apply results from **database** research to hypermedia. This is especially ftp.cc.gatech.edu/pub/tech_reports/94/GIT-CC-94-56.ps.Z

An Implementation of the SVP Database Model - Claudia Amador (Correct)

An Implementation of the SVP **Database** Model Claudia Amador Computer Science `restructuring 'transducers that coerce the input into the assumed sequence format. SVP-transducers an implementation of the SVP data model. SVP is a **database** model intended for modeling both set and stream www.cs.ucla.edu/~stott/svp/implementation/final.report.ps.Z

Image Databases are not Databases with Images - Simone Santini (1997) (Correct) (1 citation)

Image **Databases** are not **Databases** with Images Simone Santini the organism 2 9]If we take the environment into account, we notice that-at least for an Image **Databases** are not **Databases** with Images Simone Santini and Ramesh Jain vision.ucsd.edu/~ssantini/articles/imgdb/icip97.ps.Z

DARWIN: On the Incremental Migration of Legacy Information.. - Brodie, Stonebraker (1993) (Correct) (11 citations)



Find: relational into hierarchical database

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[Object/Relational Access Layers - A Roadmap, Missing Links and.. - Keller](#) (Correct)

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[Views of Objects and Rules - Topor](#) (Correct)

for reuse, extensibility and modifiability. Relational and deductive database systems provide a simple model [11] This paper sparked a flurry of research into the theory and implementation of relational 4111, Australia Abstract Object-oriented database systems provide expressive power and the www.cit.gu.edu.au/~rwt/papers/ADC94.ps

[ActiveData/Knowledge Base Research At The University of.. - Chakravarthy, Hanson, Su \(1992\)](#) (Correct)

them in several significant ways. 2.3 Extended Relational Algebra (ERA) One of the optimization monitoring[CG91]seamless integration of ECA rules into a DBPL[ANW92]communication among application of Florida S. Chakravarthy E. Hanson S. Y. W. Su Database Systems Research and Development Center Computer

<ftp://cis.ufl.edu/pub/tech-reports/tr92/tr92-047.ps.Z>

[A Hypertext System for Integrating Heterogeneous, Autonomous.. - Noll, Scacchi \(1994\)](#) (Correct) (2 citations)

values. e SLCSE and NuMil use the underlying relational dbms to provide concurrency control. f Dml is a simple concept for organizing information into a graph structure of linked container objects.

types no no a Directories" refers to hierarchical containers of objects or other directories.

cwis.usc.edu/dept/ATRIUM/Papers/Integrating_Software_Repositories.ps

[Views, Objects, and Databases - Wiederhold \(1986\)](#) (Correct) (5 citations)

access to use information stored in a relational database. A implementation of the sketched views, but transform user operations on views into operations over the base data. The final result is may be composed from more primitive objects. In hierarchical databases records may be assembled from lower www-db.stanford.edu/pub/gio/1986/vod.ps

[Frames, Objects and Relations: Three Semantic.. - Norrie, Reimer.. \(1994\)](#) (Correct)

bridging the semantic gap between the frame and relational levels and enabling the use of semantic to be revised according to new information received into the system. This is most clearly visible in a for large-scale knowledge base systems based on database technologies and the three levels of semantic www.globis.ethz.ch/publications/docs/1994d-nrlrs-krdb.ps.gz

[An Algebra for Structured Text Search and A Framework.. - Clarke, Cormack.. \(1995\)](#) (Correct) (25 citations)

Query Language (SFQL) standard [1] extend the relational model to support hierarchically structured "Dunsinane"Various extensions are incorporated into the basic algebra: Word truncation operators of these proposals view document structure as hierarchical. Gonnet and Tompa [5] propose the use of a cs-archive.uwaterloo.ca/cs-archive/CS-94-30/structxt.ps

[SQL Can Maintain Polynomial-Hierarchy Queries - Libkin, Wong \(1997\)](#) (Correct)

not properly reflecting the power of practical relational systems. This is because IES(FO) uses The update function when a tuple o is inserted into R is given by EVEN n 1) iff (R(o)) EVEN o the query Q is a system consisting of input database I, an answer database A, an optional auxiliary sdmc.krdi.org.sg/kleisli/psZ/lw-ph-23sept97.ps

[Sub-element Indexing and Probabilistic Retrieval in the POSTGRES .. - Fontaine \(1995\)](#) (Correct) (1 citation)

by the user and added more easily than with most relational database systems. POSTGRES also provides ideas of Lynch[8] and Cooper[3] are incorporated into the system. The POSTGRES database system was used and Probabilistic Retrieval in the POSTGRES Database System Anne Fontaine May 23, 1995 1

wuarchive.wustl.edu/packages/postgres/papers/CSD-95-876.ps.Z

A Comparative Evaluation of Active Relational Databases - Chakravarthy (1993) (Correct) (6 citations)

Sciences A Comparative Evaluation of Active Relational Databases S. Chakravarthy email:

The events to be monitored can be categorized into: database events (typically, insert, delete, and

A Comparative Evaluation of Active Relational Databases S. Chakravarthy email:

ftp.cis.ufl.edu/pub/tech-reports/tr93/tr93-002.ps.Z

Query Optimization using Horizontal Class.. - Bellatreche.. (Correct)

irrelevant data accessed by the queries in both **relational databases** [7]22]and [20]and object

models for query processing in OODBSs do not take into consideration the HCP criteria. In this paper, we

Horizontal Class Partitioning in Object Oriented Databases Ladjel Bellatreche Kamalakar Karlapalem

www.cs.ust.hk/~ladjel/inforsid.ps

Design and Implementation of a Database Environment for the.. - Sengupta (1995) (Correct) (1 citation)

interfaces similar to those that exist in the **relational** domain. The goal for the present research is to

of information. Various languages came into picture: algebraic (**Relational Algebra**)

of **database** systems: 1. First Generation: **Hierarchical** and Network Databases 2. Second Generation:

www.cs.indiana.edu/~asengupt/asengupt/asengupt/thesis/oral/oral.ps

Dynamic Generation and Refinement of Concept Hierarchies for.. - Han, Fu (1994) (Correct) (13 citations)

discovery system and tested against large **relational databases**. The experimental results show that

the generalized data is simplified and transformed into a set of generalized rules for different

hierarchies organize data and concepts in **hierarchical** forms or in certain partial order, which helps

ftp.fas.sfu.ca/pub/cs/han/kdd/dyn94.ps

METU Interoperable Database System - Dogac Dengi (1995) (Correct) (9 citations)

SQL. This makes it possible to incorporate both **relational** and object oriented **databases** into the system.

both **relational** and object oriented **databases** into the system. Currently Oracle7, Sybase and METU

METU Interoperable Database System A. Dogac, C. Dengi, E. Kilic, G. Ozhan,

ftp.srdc.metu.edu.tr/pub/mind/papers/sigmodrec95.ps.Z

Hy+ User's Manual - Eigler (Correct)

6 Mapping from schematic hygraph elements to **relational** predicates :81[13] 7

allows recursive decomposition of a large graph into **hierarchical** components, much like Harel's

recursive decomposition of a large graph into **hierarchical** components, much like Harel's formulation of

ftp.cs.toronto.edu/pub/reports/csr/285/5-user_manual.ps.Z

Drafting ER and OO Schemas in Prototyping Environments - Meyer, Westerman, Gogolla (1996) (Correct)

which is semantically well-founded, safe, and **relationally** complete [21,15,12]Another powerful

constraints, and data-manipulation statements into Prolog programs. All features mentioned are

the main difference is that our calculus is not **hierarchical**: we additionally introduce ranges, which are

www.db.informatik.uni-bremen.de/publications/Meyer_1996_DKE.ps.gz

Interoperability Between Object-Oriented Programming Languages.. - Chen Huang (1995) (Correct)

Object-Oriented Programming Languages and **Relational** Systems J. Chen, Q.M. Huang and A.S.M. Sajeev

importantly, there has been a huge investment put into RDBs in the last two decades. It is neither

insect.sd.monash.edu.au/research/publications/1995/TR95-21.ps

Analyzing FD Inference in Relational Databases - John Hale (1996) (Correct) (1 citation)

Analyzing FD Inference in **Relational Databases** John Hale and Sujeeet Shenoi

is the decomposition of a fuzzy set X into its ff-cuts, X ff ,according to the resolution

Analyzing FD Inference in **Relational Databases** John Hale and Sujeeet Shenoi Department of

euler.mcs.ulusa.edu/~hale/dke.ps

On the Expressive Power of the Relational Algebra with.. - Ng, Levene, Fenner (2000) (Correct) (1 citation)

On the Expressive Power of the **Relational Algebra** with Partially Ordered Domains Wilfred

S 'D in the above definition is that we take into account the fact that the active domain of a

invariant under order-preserving automorphism of **databases**. The extension is justified by its consistency

cs.ucl.ac.uk/mlevene/pora.ps.gz

Genetic Algorithms for Optimal Logical Database Design - van Bommel, Lucasius, van.. (1994) (Correct)
(1 citation)

internal modelling techniques are based on the **relational** data model (26)the **hierarchical** data model
viz. the transformation of conceptual data models into efficient internal representations. Although we
based on the **relational** data model (26)the **hierarchical** data model (e.g. non-first-normal-form or NF
ftp.cs.kun.nl/pub/SoftwEng.InfSyst/articles/GenAlgDbOpt.ps.Z

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